

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
Feb. 1 Tu	18:00 - 06:00	49 Mumma	CSHELL	JTR	
Feb. 2 We	18:00 - 06:00	49 Mumma	CSHELL	JTR	
Feb. 3 Th	18:00 - 06:00	49 Mumma	CSHELL	JTR	
Feb. 4 Fr	18:00 - 06:00	49 Mumma	CSHELL	JTR	
Feb. 5 --	18:00 - 06:00	37 Tokunaga	NSFCAM	WDV	
Feb. 6 --	18:00 - 23:59	50 Haisch, Jr.	NSFCAM	JTR	
	24:00 - 06:00	46 Bary	CSHELL	WDV	1st Night
Feb. 7 Mo	18:00 - 23:59	50 Haisch, Jr.	NSFCAM	JTR	
	24:00 - 06:00	46 Bary	CSHELL	WDV	
Feb. 8 Tu	18:00 - 23:59	50 Haisch, Jr.	NSFCAM	JTR	
	24:00 - 06:00	46 Bary	CSHELL	WDV	
Feb. 9 We	18:00 - 23:59	17 Ciardi	NSFCAM	JTR	
	24:00 - 06:00	46 Bary	CSHELL	WDV	
Feb. 10 Th	18:00 - 23:59	17 Ciardi	NSFCAM	JTR	
	24:00 - 06:00	46 Bary	CSHELL	WDV	
Feb. 11 Fr	18:00 - 06:00	17 Ciardi	NSFCAM	JTR	
Feb. 12 --	13:00 - 18:00	3 Spencer	NSFCAM/Tip Tilt	WDV	
	18:00 - 01:00	17 Ciardi	NSFCAM	JTR	
Feb. 13 --	18:00 - 06:00	52 Rothberg	NSFCAM/Tip Tilt	RDJ	
Feb. 14 Mo	18:00 - 06:00	52 Rothberg	NSFCAM/Tip Tilt	RDJ	
Feb. 15 Tu	18:00 - 06:00	52 Rothberg	NSFCAM/Tip Tilt	RDJ	
Feb. 16 We	18:00 - 06:00	58 Wolf-Chase	MIRLIN	JTR	Chopper Top End
Feb. 17 Th	18:00 - 06:00	58 Wolf-Chase	MIRLIN	JTR	
Feb. 18 Fr	18:00 - 06:00	58 Wolf-Chase	MIRLIN	JTR	FM
Feb. 19 --	15:00 - 20:00	3 Spencer	NSFCAM	WDV	
	20:01 - 03:00	60 Shupe	MIRLIN	JTR	
Feb. 20 --	10:00 - 22:00	9 Orton	MIRLIN	WDV	
Feb. 21 Mo	11:00 - 14:30	3 Spencer	NSFCAM	WDV	
	14:30 - 23:00	9 Orton	MIRLIN	WDV	
Feb. 22 Tu	18:00 - 06:00	60 Shupe	MIRLIN	JTR	
Feb. 23 We	18:00 - 06:00	60 Shupe	MIRLIN	JTR	
Feb. 24 Th	18:00 - 06:00	5 Bjorkman	Bolo	DWT	1st Night
Feb. 25 Fr	18:00 - 06:00	5 Bjorkman	Bolo	DWT	
Feb. 26 --	17:00 - 22:30	3 Spencer	NSFCAM	WDV	
	22:31 - 05:00	997 <b>Service Obs</b>			
Feb. 27 --	09:00 - 19:00	47 Novak	CSHELL/NSFCAM	JTR	
Feb. 28 Mo	09:00 - 19:00	47 Novak	CSHELL/NSFCAM	JTR	
Feb. 29 Tu	18:00 - 06:00	999 <b>Engineering</b>		JTR	Tip-Tilt Top End

- 003 Rathbun
- 005 Miroshnichenko
- 009 Fisher, Yanamandra-Fisher
- 017 Lada, Roman
- 037 Goto
- 046 Weintraub, Kastner
- 047 Mumma, DiSanti, Dello Russo, Magee-Sauer
- 049 DiSanti, Dello Russo, Magee-Sauer, Rettig, Novak
- 050 Lada
- 052 Joseph
- 058 O'Linger, Ressler, Cole
- 060 Ressler

# February 2000

MARCH 2000

IRTF TELESCOPE SCHEDULE:

(Rev. 6/13/2000)

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
Mar. 1 We	18:00 - 06:00	6 Binzel	NSFCAM/Tip Tilt	JTR	
Mar. 2 Th	18:00 - 06:00	6 Binzel	NSFCAM/Tip Tilt	JTR	
Mar. 3 Fr	18:00 - 06:00	6 Binzel	NSFCAM/Tip Tilt	JTR	
Mar. 4 --	18:00 - 06:00	39 Turnshak	NSFCAM	WDV	
Mar. 5 --	18:00 - 06:00	39 Turnshak	NSFCAM	WDV	
Mar. 6 Mo	13:30 - 19:00	3 Spencer	NSFCAM/Tip Tilt	WDV	
	19:00 - 01:30	997 <b>Service Obs</b>	<b>NSFCAM</b>		
Mar. 7 Tu	18:00 - 06:00	39 Turnshak	NSFCAM	WDV	
Mar. 8 We	10:00 - 14:00	3 Spencer	NSFCAM/Tip Tilt	WDV	
	18:00 - 06:00	39 Turnshak	NSFCAM	WDV	
Mar. 9 Th	18:00 - 06:00	28 Tsvetanov	NSFCAM	JTR	
Mar. 10 Fr	18:00 - 06:00	28 Tsvetanov	NSFCAM	JTR	
Mar. 11 --	18:00 - 06:00	28 Tsvetanov	NSFCAM	JTR	
Mar. 12 --	18:00 - 06:00	28 Tsvetanov	NSFCAM	JTR	
Mar. 13 Mo	18:00 - 06:00	999 <b>Engineering</b>	Re-aluminize primary mirror		CoCo Lens In
Mar. 14 Tu	18:00 - 06:00	999 <b>Engineering</b>	"		
Mar. 15 We	18:00 - 06:00	999 <b>Engineering</b>	"		
Mar. 16 Th	18:00 - 06:00	999 <b>Engineering</b>	"		
Mar. 17 Fr	18:00 - 06:00	999 <b>Engineering</b>	"		
Mar. 18 --	18:00 - 06:00	999 <b>Engineering</b>	"		
Mar. 19 --	18:00 - 06:00	999 <b>Engineering</b>	"		FM
Mar. 20 Mo	18:00 - 06:00	999 <b>Engineering</b>	"		
Mar. 21 Tu	18:00 - 06:00	2 Quillen	NSFCAM/Tip Tilt	WDV	
Mar. 22 We	18:00 - 06:00	2 Quillen	NSFCAM/Tip Tilt	WDV	
Mar. 23 Th	18:00 - 06:00	2 Quillen	NSFCAM/Tip Tilt	WDV	
Mar. 24 Fr	18:00 - 06:00	38 Alonso-Herrero	NSFCAM	WDV	1st Night
Mar. 25 --	18:00 - 06:00	38 Alonso-Herrero	NSFCAM	WDV	
Mar. 26 --	18:00 - 06:00	38 Alonso-Herrero	NSFCAM	WDV	
Mar. 27 Mo	18:00 - 06:00	23 Reid	NSFCAM	JTR	
Mar. 28 Tu	18:00 - 06:00	23 Reid	NSFCAM	JTR	
Mar. 29 We	18:00 - 06:00	23 Reid	NSFCAM	JTR	
Mar. 30 Th	18:00 - 06:00	34 Wooden	HIFOGS	JTR	Chopper Top End
Mar. 31 Fr	18:00 - 06:00	34 Wooden	HIFOGS	JTR	

- 002 Alonso-Herrero, Falcke
- 003 Rathbun
- 006 Bus, Stuart
- 023 Koener, Kirkpatrick
- 028 Zheng, Golimowski
- 034 Woodward, Harker
- 038 Ivanov, Quillen, Rieke
- 039 Rao, Monier, Briggs, Lane

# March 2000

APRIL 2000

IRTF TELESCOPE SCHEDULE:

(Rev. 6/13/2000)

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
Apr. 1 --	18:00 - 06:00	34 Wooden	HIFOGS	JTR	
Apr. 2 --	18:00 - 06:00	34 Wooden	HIFOGS	JTR	
Apr. 3 Mo	18:00 - 06:00	42 Trilling	CoCo/NSFCAM/Tip Tilt	DWT	Tip-Tilt Top End
Apr. 4 Tu	18:00 - 06:00	42 Trilling	Coco/NSFCAM/Tip Tilt	DWT	
Apr. 5 We	18:00 - 06:00	42 Trilling	CoCo/NSFCAM/Tip Tilt	DWT	
Apr. 6 Th	18:00 - 06:00	45 Jayawardhana	CoCo/NSFCAM/Tip Tilt	DWT	1st Night
Apr. 7 Fr	18:00 - 06:00	45 Jayawardhana	CoCo/NSFCAM/Tip Tilt	DWT	
Apr. 8 --	18:00 - 06:00	45 Jayawardhana	CoCo/NSFCAM/Tip Tilt	DWT	
Apr. 9 --	18:00 - 06:00	56 Webb	NSFCAM	JTR	1st Night
Apr. 10 Mo	18:00 - 06:00	56 Webb	NSFCAM	JTR	
Apr. 11 Tu	18:00 - 06:00	56 Webb	NSFCAM	JTR	
Apr. 12 We	18:00 - 06:00	43 Burke	NSFCAM	WDV	1st Night
Apr. 13 Th	18:00 - 06:00	43 Burke	NSFCAM	WDV	
Apr. 14 Fr	18:00 - 06:00	43 Burke	NSFCAM	WDV	
Apr. 15 --	18:00 - 06:00	43 Burke	NSFCAM	WDV	
Apr. 16 --	18:00 - 06:00	4 Imanishi	NSFCAM	WDV	
Apr. 17 Mo	18:00 - 06:00	4 Imanishi	NSFCAM	WDV	FM
Apr. 18 Tu	18:00 - 06:00	4 Imanishi	NSFCAM	WDV	
Apr. 19 We	18:00 - 23:59	997 <b>Service Obs</b>			
Apr. 20 Th	18:00 - 06:00	25 Howell	NSFCAM	JTR	1st Night
Apr. 21 Fr	18:00 - 06:00	25 Howell	NSFCAM	JTR	
Apr. 22 --	18:00 - 06:00	25 Howell	NSFCAM	JTR	
Apr. 23 --	18:00 - 23:59	999 <b>Engineering</b>			
	24:00 - 06:00	33 Rivkin	NSFCAM	JTR	
Apr. 24 Mo	18:00 - 23:59	999 <b>Engineering</b>			
	24:00 - 06:00	33 Rivkin	NSFCAM	JTR	
Apr. 25 Tu	18:00 - 23:59	999 <b>Engineering</b>			
	24:00 - 06:00	33 Rivkin	NSFCAM	JTR	
Apr. 26 We	18:00 - 23:59	997 <b>Service Obs</b>			
	24:00 - 06:00	33 Rivkin	NSFCAM	JTR	
Apr. 27 Th	18:00 - 06:00	27 Gehrz	NSFCAM/Tip Tilt	WDV	
Apr. 28 Fr	18:00 - 06:00	27 Gehrz	NSFCAM/Tip Tilt	WDV	
Apr. 29 --	18:00 - 06:00	27 Gehrz	NSFCAM/Tip Tilt	WDV	
Apr. 30 --	18:00 - 06:00	36 Bendo	NSFCAM	JTR	

- 025 Rivkin
- 027 Smith, Skillman
- 033 Grier, Johnson
- 034 Woodward, Harker
- 042 Brown
- 043 Collins, Mann
- 045 Trilling, Brown, Bodenheimer
- 056 Greene, Roellig

**April 2000**

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
May. 1 Mo	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 2 Tu	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 3 We	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 4 Th	18:00 - 06:00	6 Binzel	NSFCAM	WDV	
May. 5 Fr	18:00 - 06:00	6 Binzel	NSFCAM	JTR	
May. 6 --	18:00 - 06:00	6 Binzel	NSFCAM	JTR	
May. 7 --	18:00 - 06:00	40 Terebey	NSFCAM/Tip Tilt	JTR	
May. 8 Mo	18:00 - 06:00	40 Terebey	NSFCAM/Tip Tilt	JTR	
May. 9 Tu	18:00 - 06:00	29 Ford	NSFCAM	WDV	1st Night
May. 10 We	18:00 - 06:00	29 Ford	NSFCAM	WDV	
May. 11 Th	18:00 - 06:00	29 Ford	NSFCAM	WDV	
May. 12 Fr	18:00 - 06:00	29 Ford	NSFCAM	WDV	
May. 13 --	18:00 - 06:00	8 Imanishi	NSFCAM	WDV	
May. 14 --	18:00 - 06:00	8 Imanishi	NSFCAM	WDV	
May. 15 Mo	18:00 - 06:00	8 Imanishi	NSFCAM	WDV	
May. 16 Tu	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 17 We	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	FM
May. 18 Th	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 19 Fr	18:00 - 06:00	32 Lacy	NSFCAM	WDV	
May. 20 --	18:00 - 06:00	32 Lacy	NSFCAM	WDV	
May. 21 --	18:00 - 06:00	32 Lacy	NSFCAM	WDV	
May. 22 Mo	18:00 - 06:00	24 Simon	CSHELL	WDV	
May. 23 Tu	18:00 - 06:00	24 Simon	CSHELL	WDV	
May. 24 We	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 25 Th	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 26 Fr	18:00 - 06:00	999 <b>Engineering</b>	SpeX	JTR	
May. 27 --	18:00 - 06:00	1 Vacca	NSFCAM	WDV	
May. 28 --	18:00 - 06:00	7 Carr	CSHELL	JTR	
May. 29 Mo	18:00 - 06:00	7 Carr	CSHELL	JTR	
May. 30 Tu	18:00 - 06:00	7 Carr	CSHELL	JTR	
May. 31 We	18:00 - 06:00	7 Carr	CSHELL	JTR	

001 Toomey, Marchenko, Moffat  
006 Bus, Stuart  
007 Balachandran  
024 Mazeh, Prato  
029 Golimowski, Burrows  
032 Ridgway  
036 Joseph  
040 Chandler, Padgett

**May 2000**

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
Jun. 1 Th	18:00 - 06:00	15 Noll	CSHELL	JTR	
Jun. 2 Fr	18:00 - 06:00	15 Noll	CSHELL	JTR	
Jun. 3 --	18:00 - 06:00	15 Noll	CSHELL	JTR	
Jun. 4 --	18:00 - 23:59	36 Bendo	SpeX	JTR	1st Night
	24:00 - 06:00	44 Hammel	SpeX/Tip Tilt	JTR	
Jun. 5 Mo	18:00 - 23:59	36 Bendo	SpeX	JTR	
	24:00 - 06:00	44 Hammel	SpeX/Tip Tilt	JTR	
Jun. 6 Tu	18:00 - 23:59	36 Bendo	SpeX	JTR	
	24:00 - 06:00	44 Hammel	SpeX/Tip Tilt	JTR	
Jun. 7 We	18:00 - 23:59	36 Bendo	SpeX	JTR	
	24:00 - 06:00	44 Hammel	SpeX/Tip Tilt	JTR	
Jun. 8 Th	18:00 - 06:00	57 Ressler	MIRLIN	WDV	Chopper Top End
Jun. 9 Fr	06:00 - 17:00	9 Orton	MIRLIN	WDV	
Jun. 10 --	06:00 - 17:00	9 Orton	MIRLIN	WDV	
Jun. 11 --	18:00 - 06:00	57 Ressler	MIRLIN	WDV	
Jun. 12 Mo	18:00 - 06:00	60 Shupe	MIRLIN	JTR	
Jun. 13 Tu	18:00 - 06:00	60 Shupe	MIRLIN	JTR	
Jun. 14 We	18:00 - 06:00	60 Shupe	MIRLIN	JTR	
Jun. 15 Th	06:00 - 18:00	63 Lisse	NSFCAM	JTR	
Jun. 16 Fr	02:00 - 14:00	63 Lisse	MIRLIN	JTR	FM
Jun. 17 --	02:00 - 14:00	63 Lisse	NSFCAM	JTR	
Jun. 18 --	02:00 - 14:00	63 Lisse	MIRLIN	JTR	
Jun. 19 Mo	18:00 - 12:00	18 Romani	Celeste	WDV	
Jun. 20 Tu	18:00 - 12:00	18 Romani	Celeste	WDV	
Jun. 21 We	18:00 - 12:00	18 Romani	Celeste	WDV	
Jun. 22 Th	18:00 - 12:00	18 Romani	Celeste	WDV	
Jun. 23 Fr	18:00 - 06:00	64 Rayner	SpeX/Tip Tilt	JTR	Tip-Tilt Top End
Jun. 24 --	18:00 - 06:00	64 Rayner	SpeX/Tip Tilt	JTR	
Jun. 25 --	18:00 - 06:00	64 Rayner	SpeX/Tip Tilt	JTR	
Jun. 26 Mo	18:00 - 06:00	64 Rayner	SpeX/Tip Tilt	JTR	
Jun. 27 Tu	18:00 - 06:00	21 Gaffey	SpeX	JTR	1st Night
Jun. 28 We	18:00 - 06:00	21 Gaffey	SpeX	JTR	
Jun. 29 Th	18:00 - 06:00	21 Gaffey	SpeX	JTR	
Jun. 30 Fr	18:00 - 06:00	21 Gaffey	SpeX	JTR	

- 009 Fisher, Yanamandra-Fisher
- 015 Leggett, Marley, Saumon
- 018 Jennings, Bjoraker, Boyle, Sada
- 021 Kelley
- 036 Joseph
- 044 Marley, Rages
- 057 Neugebauer, Egami
- 060 Ressler
- 063 Fernandez, A'Hearn, Ressler, Peschke
- 064 Vacca, Cushing

**June 2000**

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
Jul. 1 --	18:00 - 06:00	12 Muzerolle	CSHELL	WDV	1st Night
Jul. 2 --	18:00 - 06:00	12 Muzerolle	CSHELL	WDV	
Jul. 3 Mo	06:00 - 13:00	59 Mumma	CSHELL/NSFCAM	WDV	
Jul. 4 Tu	01:00 - 13:00	59 Mumma	CSHELL/NSFCAM	WDV	
Jul. 5 We	01:00 - 13:00	59 Mumma	CSHELL/NSFCAM	WDV	
Jul. 6 Th	02:00 - 14:00	61 Weaver	CSHELL/SpeX/Tip Tilt	JTR	1st Night
Jul. 7 Fr	02:00 - 14:00	61 Weaver	CSHELL/SpeX/Tip Tilt	JTR	
Jul. 8 --	02:00 - 14:00	61 Weaver	CSHELL/SpeX/Tip Tilt	JTR	
Jul. 9 --	18:00 - 06:00	61 Weaver	CSHELL/SpeX/Tip Tilt	JTR	
Jul. 10 Mo	18:00 - 06:00	61 Weaver	CSHELL/SpeX/Tip Tilt	JTR	
Jul. 11 Tu	18:00 - 06:00	61 Weaver	CSHELL/SpeX/Tip Tilt	JTR	
Jul. 12 We	18:00 - 06:00	37 Tokunaga	NSFCAM	WDV	
Jul. 13 Th	18:00 - 06:00	62 Vacca	SpeX/Tip Tilt	WDV	
Jul. 14 Fr	18:00 - 06:00	62 Vacca	SpeX/Tip Tilt	WDV	
Jul. 15 --	18:00 - 06:00	62 Vacca	SpeX/Tip Tilt	WDV	FM
Jul. 16 --	18:00 - 06:00	62 Vacca	SpeX/Tip Tilt	WDV	
Jul. 17 Mo	18:00 - 06:00	35 Spencer	SpeX/Tip Tilt	WDV	1st Night
Jul. 18 Tu	18:00 - 23:59	35 Spencer	SpeX/Tip Tilt	WDV	
	24:00 - 06:00	19 Brooke	SpeX	JTR	1st Night
Jul. 19 We	18:00 - 23:59	35 Spencer	SpeX/Tip Tilt	WDV	
	24:00 - 06:00	19 Brooke	SpeX	JTR	
Jul. 20 Th	18:00 - 23:59	35 Spencer	SpeX/Tip Tilt	WDV	
	24:00 - 06:00	19 Brooke	SpeX	JTR	
Jul. 21 Fr	18:00 - 23:59	35 Spencer	SpeX/Tip Tilt	WDV	
	24:00 - 06:00	19 Brooke	SpeX	JTR	
Jul. 22 --	18:00 - 06:00	41 Sromovsky	NSFCAM	JTR	
Jul. 23 --	18:00 - 06:00	41 Sromovsky	NSFCAM	JTR	
Jul. 24 Mo	18:00 - 06:00	41 Sromovsky	NSFCAM	JTR	
Jul. 25 Tu	18:00 - 06:00	41 Sromovsky	NSFCAM	JTR	
Jul. 26 We	10:00 - 22:00	59 Mumma	CSHELL/NSFCAM	WDV	
Jul. 27 Th	10:00 - 22:00	59 Mumma	CSHELL/NSFCAM	WDV	
Jul. 28 Fr	10:00 - 22:00	59 Mumma	CSHELL/NSFCAM	WDV	
Jul. 29 --	03:00 - 15:00	49 Mumma	CSHELL	WDV	
Jul. 30 --	03:00 - 15:00	49 Mumma	CSHELL	WDV	
Jul. 31 Mo	03:00 - 15:00	49 Mumma	CSHELL	WDV	

- 012 Hartmann, Calvet
- 019 Sellgren
- 035 Buie, Grundy, Stansberry
- 037 Goto
- 041 Baines
- 049 DiSanti, Dello Russo, Magee-Sauer, Rettig, Novak
- 059 DiSanti, Dello Russo, Magee-Sauer, Rettig, Novak
- 061 Chin, Brooke, Bockelee-Morvan, Davies, Kim, Rayner, Biver, Vacca
- 062 Rayner, Cushing, Pickles

# July 2000

HST Date	HST Time	Prog and PI	Instrument	SA	Comments
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HST date (Hawaii Standard Time) is listed for the first program starting after midnight (00:00) each day. Any date ambiguities should be resolved by the fact that programs are listed in strict time sequence.

All observing must occur within the listed dates and times and only with the personnel listed on this schedule. Any changes to the dates, times, and observing personnel must be approved by the Division Chief at least 1 month in advance; please submit requests earlier.

Support at the telescope by staff astronomers is only guaranteed for the first night of each observer's first run with an IRTF facility instrument as indicated by "1st Night" in the Comments column above. Please confirm this verbally with your support astronomer.

Please return your Observing Requirements Form by the date indicated, approximately 1 month in advance of your run. Please note that IRTF facility instrumentation is provided as documented on our web site (<http://irtf.ifa.hawaii.edu>); modifications for individuals are usually not possible unless agreed upon by IRTF staff adequately in advance.

Driving IRTF vehicles is a privilege granted to observers. Please read and obey our vehicle policy. This includes using IRTF vehicles only for official travel between Hilo, Hale Pohaku, and the summit at the times you have indicated. All changes to your vehicle usage must be communicated to and approved by Mr. Paul Jensen, the IRTF Superintendent.

NOTES:

- SA (Support Astronomer)      DWT = Doug Toomey (Instrumentation Engineer)
- JTR = John Rayner
- RDJ = Robert Joseph
- WDV = William Vacca